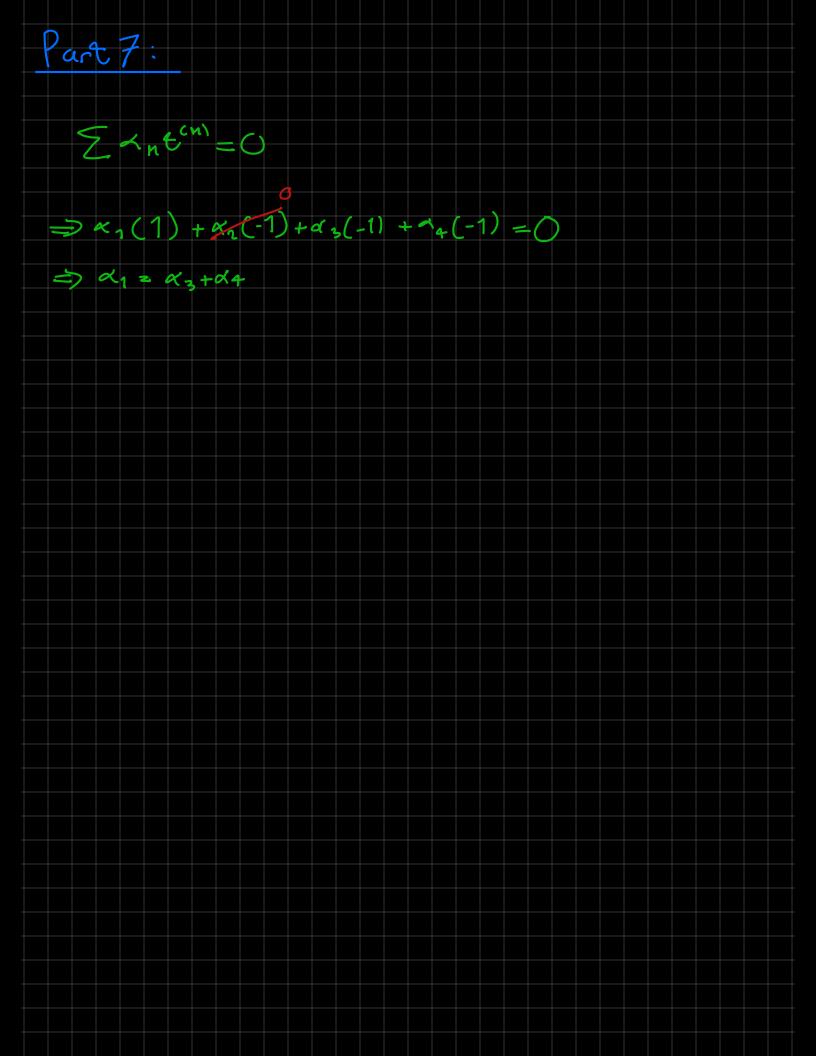
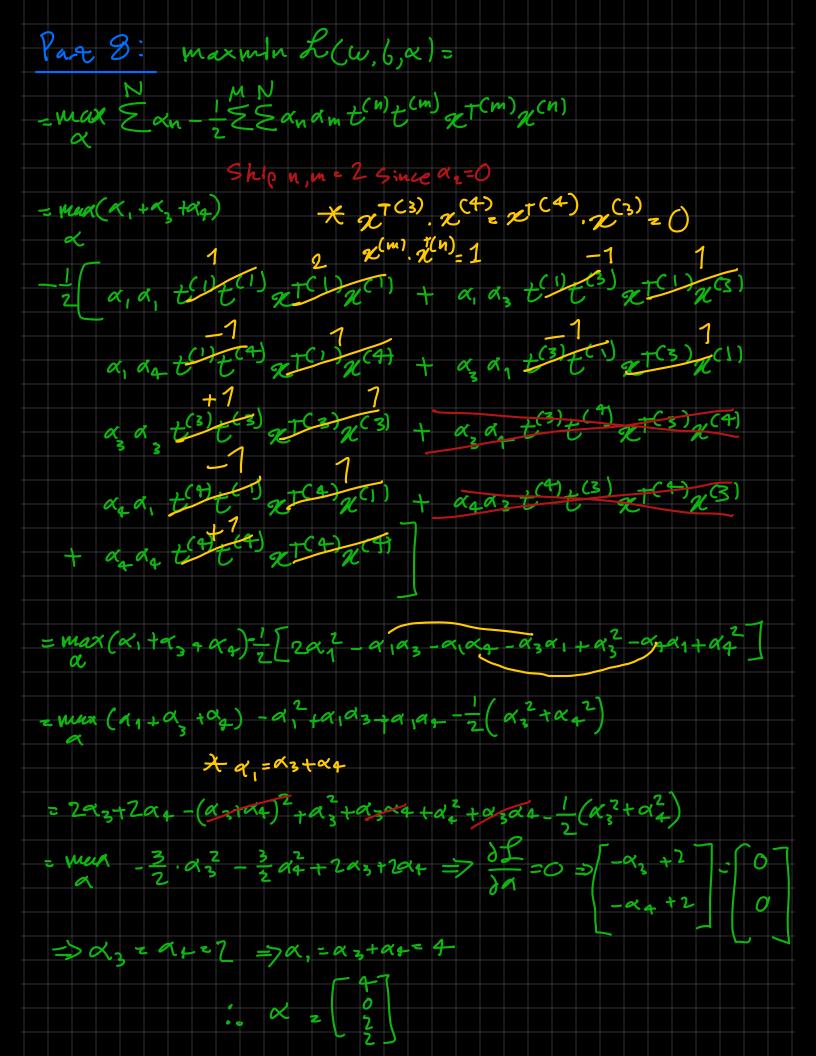


Part 5 $L(\omega,6,a) = \frac{1}{2} || \omega N^2 - \sum_{n=1}^{N} \alpha_n (t^n (\omega + 2t^{(n)} + 6) - 1)$ =1 ww-Eanwrantn+ont 7"-an $=\frac{1}{2}\omega^{2}\omega+\sum_{\alpha}-\sum_{\alpha}\omega^{2}\kappa^{(n)}+\sum_{\alpha}\omega^{2}\kappa^{(n)}+\sum_{\alpha}\omega^{2}\kappa^{(n)}$ $=\frac{1}{2}\omega^{T}\omega^{-}\Xi_{\alpha_{n}}\omega^{T}\chi^{(n)}(n)+\Xi_{\alpha_{n}}$ $z w^{\dagger} \left(\frac{1}{2} w - \sum_{\alpha} u \chi^{(n)} t^{(n)} \right) + \sum_{\alpha} u$ $= w \left(\frac{1}{2} \sum_{n=1}^{\infty} (n) g(n) - \sum_{n=1}^{\infty} (n) \chi(n) \right) + \sum_{n=1}^{\infty} \alpha_n$ = WT(-1 \ \ \ant(n) \(\mu(n))\) + \(\sigma \)

(3 \ \ \{\ant(n) \(\mu(n)\)\} + \(\sigma \) \(\mu(n)\) \(\mu(n) = \(\alpha n - \frac{1}{2} \) \(\alpha n \) \(\a ve here A= xn, Bn=xn, Cm=xm, Dn=2(n), Em=t^n) F = 2T(m), G= 9((n)





Part 10: Since (wrze(n) +6) = t(n) Then 6=tcn)_wTx(n) _ 1 _ [22][1] = -3 = -1 -[22][1] = -3 = -1 -[22][0] = -3 (6 2 - 3